

## PATENT APPLICATION

Sheet 1 of 18

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

2002235-0009

SERIAL NO.

09/358,141

APPLICANT

Sampson, et al.

FILING DATE

July 20, 1999

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## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	TECH CENTER SUB CLASS 1600/290C
mms	1A	4,883,750	Nov. 28, 1989	Whiteley et al.	435	6
	1B	4,988,617	Jan. 29, 1991	Landegren et al.	435	6
	1C	5,242,794	Sep. 7, 1993	Whiteley, et al.	435	6
	1D	5,403,709	April 4, 1995	Agrawal et al.	435	6
	1E	5,494,810	Feb. 27, 1996	Barany et al.	435	91.52
	1F	5,521,065	May 28, 1996	Whiteley et al.	435	6
	1G	5,534,424	July 9, 1996	Uhlen et al.	435	91.2
	1H	5,595,890	Jan 21, 1997	Newton et al.	435	91.2
	1I	5,605,798	Feb. 25, 1997	Koster	435	6
	1J					
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mms	1L	WO 95/04160	9 Feb 1995	Southern, et al.				W
	1M	WO 92/15712	17 Sep 1992	Goelet, et al.				
	1N	WO 97/35033	25 Sep 1995	Boyce-Jacino, et al.				
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## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

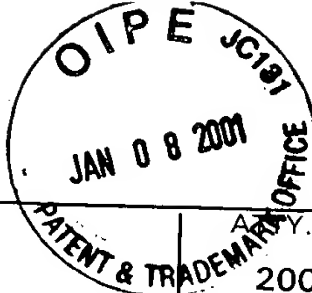
mms	1Q	Baily and Waring, "Transferring the Purine 2-Amino Group from Guanines to Adenines in DNA Changes the Sequence-Specific Binding of Antibiotics", Nucleic Acids Research, 23:885-892, 1995.
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	1S	Beaucage and Caruthers, "Deoxynucleoside Phosphoramidites - A New Class of Key Intermediates for Deoxypolynucleotide Synthesis", Tetrahedron Letters, 22:1859-1862, 1981.

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mmg	2Q	Belousov, Evgenity S., et al., "Sequence-Specific Targeting and Covalent Modification of Human Genomic DNA", Nucleic Acids Research, 25/17:3440-3444, 1997.
	2R	Bloom et al., "Influence of 5'-Nearest Neighbors on the Insertion Kinetics of the Fluorescent Nucleotide Analog 2-Aminopurine by Klenow Fragment, Biochemistry 32:11247-11258, 1993.
	2S	Chamberlin and Ryan, "Bacteriophage DNA-Dependent RNA Polymerases", The Enzymes, ed. Boyer, Academic Press, New York, 87-108, 1982.

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mm5 ↓	3Q	Chee, M., et al., "Accessing Genetic Information with High-Density DNA Arrays", Science 274, 610-614, 1996.
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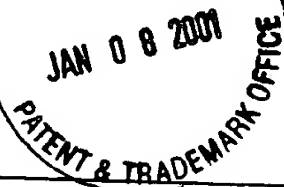
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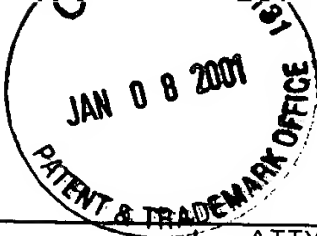
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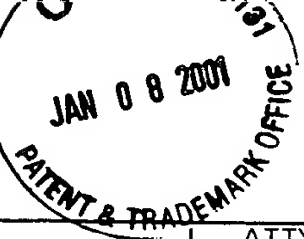
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	6R	Hultman, et al., "Direct Solid Phase Sequencing of Genomic and Plasmid DNA Using Magnetic Beads as Solid Support", Nucleic Acids Research, 17:4937-4946, 1989.
	6S	John, et al., "RNA-DNA Hybrids at the Cytological Level", Nature, 223:582-587, 1969.

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MUS ↓	7Q	Johnson, "Conformational Coupling in DNA Polymerase Fidelity" Annual Review in Biochemistry, 62:685-713, 1993.
	7R	Jones, "Oligonucleotide Synthesis, A Practical Approach", M.J. Gait ed., IRL Press, 23-24, 1984.
	7S	Kozal, M., et al., "Extensive Polymorphisms Observed in HIV-1 Clade B Proteasae Gene Using High-Density Oligonucleotide Arrays", Nature Med. 7:753-759, 1996.

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## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

MMS ↓	8Q	Kutyavin et al., "Oligonucleotides Containing 2-Amino adenine and 2-Thiothymine Act as Selectively Binding Complementary Agents", Biochemistry, 35:11170-11176, 1996.
	8R	Kutyavin, Igor, V., et al., "Oligonucleotides with Conjugated Dihydropyrroloindole Tripeptides: Base Composition and Backbone Effects on Hybridization", Nucleic Acids Research, 25/18:3718-3723, 1997.
	8S	Landegren, et al., "Reading Bits of Genetic Information: Methods for Single-Nucleotide Polymorphism Analysis" Genome Research, 8:769-776, 1998.

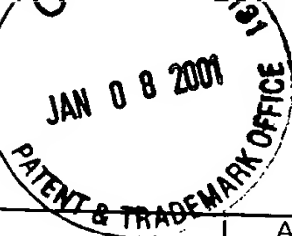
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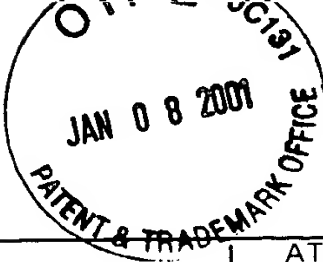
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	9R	Law, et al., "Spectroscopic and Calorimetric Characterizations of DNA Duplexes Containing 2-Aminopurine", Biochemistry 35:12329-12337, 1996.
	9S	Ling, Yi-He, et al., "Consequences of 6-Thioguanine Incorporation into DNA on Polymerase, Ligase and Endonuclease Reactions", Molecular Pharmacology, 42:802-807, 1992.

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	10	Lockart, D., et al., "Expression Monitoring by Hybridization to High-Density Oligonucleotide Arrays", Nat. Biotech. 14, 1675-1680, 1996.
	10	Lukhtanov, Eugeny A., et al., "Rapid and Efficient Hybridization-Triggered Crosslinking Within a DNA Duplex by an Oligodeoxyribonucleotide Bearing a Conjugated Cyclopropapyrroloindole", Nucleic Acids Research, 24/4:683-687, 1996.

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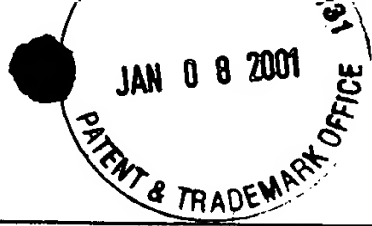
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	12	Mizusawa et al., "Improvement of the Dideoxy Chain Termination Method of DNA Sequencing by Use of Deoxy-7-Deazaguanosine Triphosphate in Place of dGTP", Nucleic Acids Research, 14:1319, 1986.
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<i>WMS</i>	13	Pagratis, Nikos C., "Rapid Preparation of Single Stranded DNA from PCR Products by Streptavidin Induced Electrophoretic Mobility Shift", Nucleic Acids Research, 24:3645-3646 (1996).
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STATEMENT

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ATTY. DOCKET NO.

2002235-0009

SERIAL NO.

09/358,141

APPLICANT

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FILING DATE

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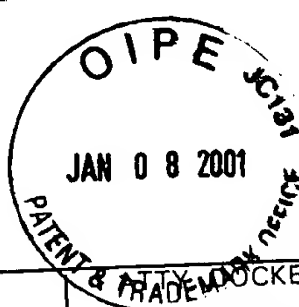
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